

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number
WO 03/084271 A1

- (51) International Patent Classification⁷: **H04Q 7/38**
- (21) International Application Number: **PCT/IB03/00963**
- (22) International Filing Date: **5 March 2003 (05.03.2003)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
02076250.6 **29 March 2002 (29.03.2002)** **EP**
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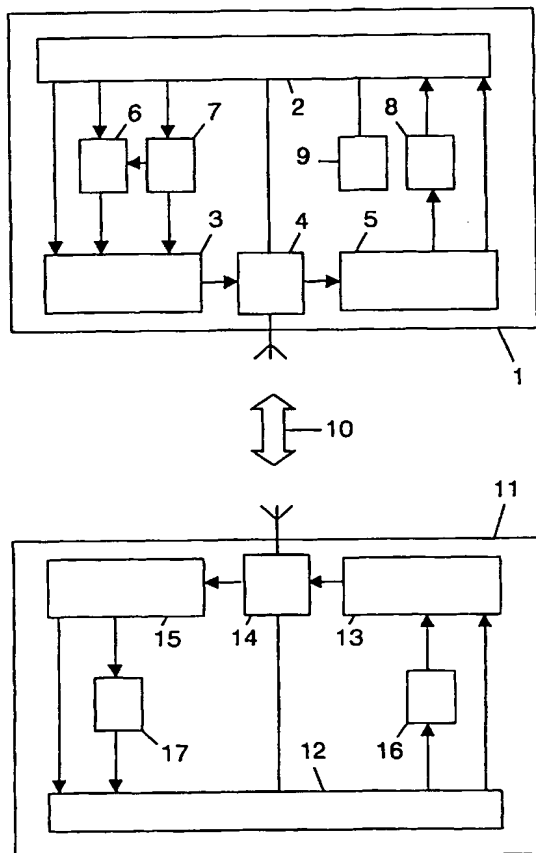
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(81) Designated States (national): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**

(84) Designated States (regional): **ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**

[Continued on next page]

(54) Title: **ALLOCATION OF CHANNELISATION CODE BASED ON COST FUNCTION**



(57) Abstract: Telecommunication systems comprising base stations (1) and mobile terminals (11) generate channelization codes like Orthogonal Variable Spreading Factor codes or OVSF codes defining channels used for communication between base stations (1) and mobile terminals (11) and calculate cost functions for these channelization codes. The base stations (1) are provided with transferors (7) for transferring ongoing calls from first channels defined by first channelization codes to second channels defined by second channelization codes in dependence of calculated cost functions, to be able to treat ongoing calls dynamically, by allocating channels dynamically to ongoing calls. Said transferring is realized via transferring messages. Preferably a low complex cost function is a function of a sum of products of an occupation parameter and a data rate for at least a specific level and divided by a data rate for a neighboring level, to reduce the processing capacity.

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— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

PCT/IB 03/00963

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 5 796 722 A (STOLYAR ALEKSANDR L ET AL) 18 August 1998 (1998-08-18) abstract column 2, line 59 - column 3, line 54 ----	1-9
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Date of the actual completion of the international search

24 June 2003

Date of mailing of the international search report

04/07/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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